

**BRUHAT BANGALORE MAHANAGARA
PALIKE**

BYATARAYANAPURA DIVISION

YELAHANKA ZONE

MEASUREMENTS SHEETS

Name of work:-

**Improvements to roads and drains of
amruthahalli colony of lakshminarayana
temple road from lakshminarayana temple
(left side) and in amruthahalli surrounding
areas in ward no.07 Byataranapura.**

Est cost:- 75.00 Lakhs

- 1) cement - 13.01.20
- 2) 40mm - 13.01.20
- 3) 20mm - 13.01.20
- 4) sand - 13.01.20
- 5) steel - 13.01.20
- 6) slab - 150mm 18/✓
- 7) kerb stone - 25.02.20
- 8) PCC - 17/10/2020 - ✓
- 9) Drain bottom - 23.01.2020 - ✓
- 10) Drain SW - 30.01.2020 - ✓
- 11)

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEETS

Name of the work :- Improvements to roads and drains of amruthahalli colony of lakshminarayana temple road from lakshminarayana temple (left side) and in amruthahalli surrounding areas in ward no.07 Byataranapura.

Name of Agency : M/S KRIDL

Item No:- 1

Item name:-

KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)

LN	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurements							
	Drain desilting							
	LHS							
	CH 0.00m to 30.00m		1	30.00	0.60	0.60	10.80	
	CH 30.0m to 60.00m		1	30.00	0.60	0.60	10.80	
	CH 60.00m to 90.00m		1	30.00	0.60	0.60	10.80	
	CH 90.00m to 120.00m		1	30.00	0.60	0.60	10.80	
	CH 120.00m to 150.00m		1	30.00	0.60	0.60	10.80	
	CH 150.00m to 180.00m		1	30.00	0.60	0.60	10.80	
	CH 180.00m to 210.00m		1	30.00	0.60	0.60	10.80	
	CH 210.00m to 240.00m		1	30.00	0.60	0.60	10.80	
	CH 240.00m to 270.00m		1	30.00	0.60	0.60	10.80	
	CH 270.00m to 300.00m		1	30.00	0.60	0.60	10.80	
	CH 300.00m to 330.00m		1	30.00	0.60	0.60	10.80	
	CH 330.00m to 360.00m		1	30.00	0.60	0.60	10.80	
	CH 360.00m to 390.00m		1	30.00	0.60	0.60	10.80	
	CH 390.00m to 420.00m		1	30.00	0.60	0.60	10.80	
	CH 420.00m to 430.00m		1	10.00	0.60	0.60	3.60	
	RHS New Drain							
	CH 0.00m to 30.00m		1	30.00	1.20	1.20	43.20	
	CH 30.0m to 60.00m		1	30.00	1.20	1.20	43.20	
	CH 60.00m to 90.00m		1	30.00	1.20	1.20	43.20	
	CH 90.00m to 120.00m		1	30.00	1.20	1.20	43.20	
	CH 120.00m to 150.00m		1	30.00	1.20	1.20	43.20	
	CH 150.00m to 180.00m		1	30.00	1.20	1.20	43.20	
	CH 180.00m to 210.00m		1	30.00	1.20	1.20	43.20	
	CH 210.00m to 240.00m		1	30.00	1.20	1.20	43.20	
	CH 240.00m to 270.00m		1	30.00	1.20	1.20	43.20	
	CH 270.00m to 300.00m		1	30.00	1.20	1.20	43.20	
	CH 300.00m to 330.00m		1	30.00	1.20	1.20	43.20	
	CH 330.00m to 360.00m		1	30.00	1.20	1.20	43.20	
	CH 360.00m to 372.00m		1	12.00	1.20	1.20	17.28	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Measurements

Amruthalli							
Culvert-1	1	6.40	1.50	1.20	11.52		
Culvert-2	1	6.20	1.50	1.20	11.16		
Culvert-3	1	5.60	1.50	1.20	10.08		
Culvert-4	1	6.40	1.50	1.20	11.52		
Culvert-5	1	5.50	1.50	1.20	9.90		
Culvert-6	1	6.20	1.50	1.20	11.16		
Culvert-7	1	5.80	1.50	1.20	10.44		NDD AE (L-3)
Padma Tent Arae/Mungurappa Layout							
Culvert-8	1	6.00	1.50	1.20	10.80		
Culvert-9	1	6.10	1.50	1.20	10.98		
Culvert-10	1	5.80	1.50	1.20	10.44		
Culvert-11	1	5.50	1.50	1.20	9.90		
Culvert-12	1	6.20	1.50	1.20	11.16		
Culvert-13	1	6.30	1.50	1.20	11.34		
Over burden earth	1	12.00	0.90	0.60	6.48		
	cum			Net Qty	837.36		NDD AE (L-3)

30/05/20
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Chakr
10/1/20

Abhijit N.D
AE (L-3)

Sw
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item No:- 2								
Item name:-		KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)						
L N	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurements							
	RCC DRAIN- BOTTOM							
	RHS New Drain							
	CH 0.00m to 30.00m		1	30.00	1.20	0.15	5.40	
	CH 30.0m to 60.00m		1	30.00	1.20	0.15	5.40	
	CH 60.00m to 90.00m		1	30.00	1.20	0.15	5.40	
	CH 90.00m to 120.00m		1	30.00	1.20	0.15	5.40	
	CH 120.00m to 150.00m		1	30.00	1.20	0.15	5.40	
	CH 150.00m to 180.00m		1	30.00	1.20	0.15	5.40	
	CH 180.00m to 210.00m		1	30.00	1.20	0.15	5.40	
	CH 210.00m to 240.00m		1	30.00	1.20	0.15	5.40	
	CH 240.00m to 270.00m		1	30.00	1.20	0.15	5.40	
	CH 270.00m to 300.00m		1	30.00	1.20	0.15	5.40	
	CH 300.00m to 330.00m		1	30.00	1.20	0.15	5.40	
	CH 330.00m to 360.00m		1	30.00	1.20	0.15	5.40	
	CH 360.00m to 372.00m		1	12.00	1.20	0.15	2.16	
	Amruthalli							
	Culvert-1		1	6.40	1.50	0.15	1.44	
	Culvert-2		1	6.20	1.50	0.15	1.40	
	Culvert-3		1	5.60	1.50	0.15	1.26	
	Culvert-4		1	6.40	1.50	0.15	1.44	
	Culvert-5		1	5.50	1.50	0.15	1.24	
	Culvert-6		1	6.20	1.50	0.15	1.40	
	Culvert-7		1	5.80	1.50	0.15	1.31	
	Padma Tent Arae/Mungurappa Layout							
	Culvert-8		1	6.00	1.50	0.15	1.35	
	Culvert-9		1	6.10	1.50	0.15	1.37	
	Culvert-10		1	5.80	1.50	0.15	1.31	
	Culvert-11		1	5.50	1.50	0.15	1.24	
	Culvert-12		1	6.20	1.50	0.15	1.40	
	Culvert-13		1	6.30	1.50	0.15	1.42	
		cum				Net Qty	84.51	

25.05.25
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Asstt. Eng. N.D.
AE (W)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore 560 092

Item No:- 3								
Item name:-		KSRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications. (Page No. 12. Item No. 4.6)						
L N	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Mreasurements							
	BOTTOM - ~~VENTS~~							
	Amruthalli							
	Culvert-1		1	6.40	0.45	0.15		
	Culvert-2		1	6.20	0.45	0.15	0.43	
	Culvert-3		1	5.60	0.45	0.15	0.42	
	Culvert-4		1	6.40	0.45	0.15	0.38	
	Culvert-5		1	5.50	0.45	0.15	0.43	
	Culvert-6		1	6.20	0.45	0.15	0.37	
	Culvert-7		1	5.80	0.45	0.15	0.42	
	Padma Tent						0.39	
	Arae/Mungurappa							
	Layout ~~NEW~~							
	Culvert-8		1	6.00	0.45	0.15		
	Culvert-9		1	6.10	0.45	0.15	0.41	
	Culvert-10		1	5.80	0.45	0.15	0.41	
	Culvert-11		1	5.50	0.45	0.15	0.39	
	Culvert-12		1	6.20	0.45	0.15	0.37	
	Culvert-13		1	6.30	0.45	0.15	0.42	
	COPING						0.43	
	Amruthalli							
	Culvert-1		2	6.40	0.45	0.10	0.58	
	Culvert-2		2	6.20	0.45	0.10	0.56	
	Culvert-3		2	5.60	0.45	0.10	0.50	
	Culvert-4		2	6.40	0.45	0.10	0.58	
	Culvert-5		2	5.50	0.45	0.10	0.50	
	Culvert-6		2	6.20	0.45	0.10	0.56	
	Culvert-7		2	5.80	0.45	0.10	0.52	
	Padma Tent							
	Arae/Mungurappa							
	Layout							
	Culvert-8		2	6.00	0.45	0.10	0.54	
	Culvert-9		2	6.10	0.45	0.10	0.55	
	Culvert-10		2	5.80	0.45	0.10	0.52	
	Culvert-11		2	5.50	0.45	0.10	0.50	
	Culvert-12		2	6.20	0.45	0.10	0.56	
	Culvert-13		2	6.30	0.45	0.10	0.57	
	cum							
	Net Qty						12.29	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Ant. N.Y. N.D.
Ae/13

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mananagara Palike
Bangalore - 560 005

Item No:- 4								
Item name:-		KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-25. Item No. 5.6)						
L N	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurements								
Culverts								
Amruthalli								
	Culvert-1		2	6.40	0.45	0.90	5.18	
	Culvert-2		2	6.20	0.45	0.90	5.02	
	Culvert-3		2	5.60	0.45	0.90	4.54	
	Culvert-4		2	6.40	0.45	0.90	5.18	
	Culvert-5		2	5.50	0.45	0.90	4.46	
	Culvert-6		2	6.20	0.45	0.90	5.02	
	Culvert-7		2	5.80	0.45	0.90	4.70	
Padma Tent Arae/Mungurappa Layout								
	Culvert-8		2	6.00	0.45	0.90	4.86	
	Culvert-9		2	6.10	0.45	0.90	4.94	
	Culvert-10		2	5.80	0.45	0.90	4.70	
	Culvert-11		2	5.50	0.45	0.90	4.46	
	Culvert-12		2	6.20	0.45	0.90	5.02	
	Culvert-13		2	6.30	0.45	0.90	5.10	
	cum						Net Qty	63.18

Kodige
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Netally. ND
AEC(M)

Kodige
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Barigalore Mananagara Palike
Bangalore - 560 092

Item No:- 5								
Item name:-		KSRB 15.1.4: Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. Page No. 115 / Item No. 15.4 / PWD SR 2018-19						
L N	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurement								
Culverts								
Amruthalli								
	Culvert-1		2	6.40		0.90	11.52	
	Culvert-2		2	6.20		0.90	11.16	
	Culvert-3		2	5.60		0.90	10.08	
	Culvert-4		2	6.40		0.90	11.52	
	Culvert-5		2	5.50		0.90	9.90	
	Culvert-6		2	6.20		0.90	11.16	
	Culvert-7		2	5.80		0.90	10.44	
Padma Tent								
Arae/Mungurappa								
Layout								
	Culvert-8		2	6.00		0.90	10.80	
	Culvert-9		2	6.10		0.90	10.98	
	Culvert-10		2	5.80		0.90	10.44	
	Culvert-11		2	5.50		0.90	9.90	
	Culvert-12		2	6.20		0.90	11.16	
	Culvert-13		2	6.30		0.90	11.34	
		sqm						
Net Qty							140.40	

20/05/11
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

20/05/11
3/11

20/05/11
AE (20)

20/05/11
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Metropolitan Palike
Bangalore - 560 092

Item No:- 7		Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per						
Item name:-								
L N	Particulars	Length, M	No	Length, M	Total length, M	Density, Kg/M	Quantity, Kg	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurements							
	RHS New Drain							
	Main Bars	0-30M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		24	30.00	720.00	0.39	280.80	
	Main Bars	30-	240	2.80	672.00	0.62	416.64	
	Distribution Bars		23	30.00	690.00	0.39	269.10	
	Main Bars	60-90M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		24	30.00	720.00	0.39	280.80	
	Main Bars	90-	240	2.80	672.00	0.62	416.64	
	Distribution Bars		23	30.00	690.00	0.39	269.10	
	Main Bars	120-150M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		24	30.00	720.00	0.39	280.80	
	Main Bars	150-180M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		23	30.00	690.00	0.39	269.10	
	Main Bars	180-210M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		24	30.00	720.00	0.39	280.80	
	Main Bars	210-240M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		23	30.00	690.00	0.39	269.10	
	Main Bars	240-270M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		24	30.00	720.00	0.39	280.80	
	Main Bars	270-300M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		23	30.00	690.00	0.39	269.10	
	Main Bars	300-330M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		24	30.00	720.00	0.39	280.80	
	Main Bars	330-360M	240	2.80	672.00	0.62	416.64	
	Distribution Bars		23	30.00	690.00	0.39	269.10	
	Main Bars	360-372M	96	2.80	268.80	0.62	166.66	
	Distribution Bars		24	12.00	288.00	0.39	112.32	
							8578.06	
		Tonn			Total Quantity		8.57806	

2025.08
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

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Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

2025.08
AE (KRI)

Item name:-		Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)						
L N	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Mreasurements							
	SIDE WALL							
	RHS New Drain							
	CH 0.00m to 30.00m		4	30.00		0.90	108.00	✓
	CH 30.0m to 60.00m		4	30.00		0.90	108.00	✓
	CH 60.00m to 90.00m		4	30.00		0.90	108.00	✓
	CH 90.00m to 120.00m		4	30.00		0.90	108.00	✓
	CH 120.00m to 150.00m		4	30.00		0.90	108.00	✓
	CH 150.00m to 180.00m		4	30.00		0.90	108.00	✓
	CH 180.00m to 210.00m		4	30.00		0.90	108.00	✓
	CH 210.00m to 240.00m		4	30.00		0.90	108.00	✓
	CH 240.00m to 270.00m		4	30.00		0.90	108.00	✓
	CH 270.00m to 300.00m		4	30.00		0.90	108.00	✓
	CH 300.00m to 330.00m		4	30.00		0.90	108.00	✓
	CH 330.00m to 360.00m		4	30.00		0.90	108.00	✓
	CH 360.00m to 372.00m		4	12.00		0.90	43.20	✓
		sqm			Net Qty		1339.20	✓

Item No:- 6

Item name:-

KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per

L N	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Mreasurements							
	Bottom							
	RHS New Drain							
	CH 0.00m to 30.00m		1	30.00	1.00	0.15	4.50	✓
	CH 30.0m to 60.00m		1	30.00	1.00	0.15	4.50	✓
	CH 60.00m to 90.00m		1	30.00	1.00	0.15	4.50	✓
	CH 90.00m to 120.00m		1	30.00	1.00	0.15	4.50	✓
	CH 120.00m to 150.00m		1	30.00	1.00	0.15	4.50	✓
	CH 150.00m to 180.00m		1	30.00	1.00	0.15	4.50	✓
	CH 180.00m to 210.00m		1	30.00	1.00	0.15	4.50	✓
	CH 210.00m to 240.00m		1	30.00	1.00	0.15	4.50	✓
	CH 240.00m to 270.00m		1	30.00	1.00	0.15	4.50	✓

505056
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Page 8
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mananagara Palike
Bangalore - 560 092

Atul N D
AE (12)

CH 270.00m to 300.00m	1	30.00	1.00	0.15	4.50	
CH 300.00m to 330.00m	1	30.00	1.00	0.15	4.50	
CH 330.00m to 360.00m	1	30.00	1.00	0.15	4.50	
CH 360.00m to 372.00m	1	12.00	1.00	0.15	1.80	
Side Wall						
CH 0.00m to 30.00m	2	30.00	0.15	0.90	8.10	
CH 30.00m to 60.00m	2	30.00	0.15	0.90	8.10	
CH 60.00m to 90.00m	2	30.00	0.15	0.90	8.10	
CH 90.00m to 120.00m	2	30.00	0.15	0.90	8.10	
CH 120.00m to 150.00m	2	30.00	0.15	0.90	8.10	
CH 150.00m to 180.00m	2	30.00	0.15	0.90	8.10	
CH 180.00m to 210.00m	2	30.00	0.15	0.90	8.10	
CH 210.00m to 240.00m	2	30.00	0.15	0.90	8.10	
CH 240.00m to 270.00m	2	30.00	0.15	0.90	8.10	
CH 270.00m to 300.00m	2	30.00	0.15	0.90	8.10	
CH 300.00m to 330.00m	2	30.00	0.15	0.90	8.10	
CH 330.00m to 360.00m	2	30.00	0.15	0.90	8.10	
CH 360.00m to 372.00m	2	12.00	0.15	0.90	3.24	
cum			Net Qty		156.24	

20/06/20
 Assistant Executive Engineer,
 R.R. Nagar, Sub-division,
 KRIDL, BBMP, Bangalore

10/11/20
 DET (W)

10/11/20
 Assistant Executive Engineer
 Kodigehalli Sub Division
 Bruhat Bangalore Mahanagara Palike
 Bangalore - 560 092

Item No:- 9		Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick well compacted cost of all materials labour curing						
Item name:-		Unit	Nos	L	B	D	Qty	Remarks
LN	Particulars	3	4	5	6	7	8	9
1	2							
	Date of Measurement							
	Covering Slab							
	LHS				0.60	0.90	27.00	
	CH 0.00m to 30.00m		50		0.60	0.90	27.00	
	CH 30.0m to 60.00m		50		0.60	0.90	27.00	
	CH 60.00m to 90.00m		50		0.60	0.90	27.00	
	CH 90.00m to 120.00m		50		0.60	0.90	27.00	
	CH 120.00m to 150.00m		50		0.60	0.90	27.00	
	CH 150.00m to 180.00m		50		0.60	0.90	27.00	
	CH 180.00m to 210.00m		50		0.60	0.90	27.00	
	CH 210.00m to 240.00m		50		0.60	0.90	27.00	
	CH 240.00m to 270.00m		50		0.60	0.90	27.00	
	CH 270.00m to 300.00m		50		0.60	0.90	27.00	
	CH 300.00m to 330.00m		50		0.60	0.90	27.00	
	CH 330.00m to 360.00m		50		0.60	0.90	27.00	
	CH 360.00m to 390.00m		50		0.60	0.90	27.00	
	CH 390.00m to 420.00m		50		0.60	0.90	27.00	
	CH 420.00m to 430.00m		15		0.60	0.90	8.10	
	RHS New Drain							
	CH 0.00m to 30.00m		50		0.60	0.90	27.00	
	CH 30.0m to 60.00m		50		0.60	0.90	27.00	
	CH 60.00m to 90.00m		50		0.60	0.90	27.00	
	CH 90.00m to 120.00m		50		0.60	0.90	27.00	
	CH 120.00m to 150.00m		50		0.60	0.90	27.00	
	CH 150.00m to 180.00m		50		0.60	0.90	27.00	
	CH 180.00m to 210.00m		50		0.60	0.90	27.00	
	CH 210.00m to 240.00m		50		0.60	0.90	27.00	
	CH 240.00m to 270.00m		50		0.60	0.90	27.00	
	CH 270.00m to 300.00m		50		0.60	0.90	27.00	
	CH 300.00m to 330.00m		50		0.60	0.90	27.00	
	CH 330.00m to 360.00m		50		0.60	0.90	27.00	
	CH 360.00m to 372.00m		20		0.60	0.90	10.80	
	sqm				Net Qty		720.90	

26/05/2015
Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

26/05/2015
Assistant Executive Engineer,
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item No:- 10		Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick well compacted cost of all materials labour curing complete as per specification (Data Rate)						
Item name:-								
SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurements								
Culverts								
Amruthalli								
	Culvert-1		11	1.50	0.60		9.90	✓
	Culvert-2		10	1.50	0.60		9.00	✓
	Culvert-3		9	1.50	0.60		8.10	
	Culvert-4		11	1.50	0.60		9.90	✓
	Culvert-5		9	1.50	0.60		8.10	✓
	Culvert-6		10	1.50	0.60		9.00	✓
	Culvert-7		10	1.50	0.60		9.00	✓
Padma Tent Area/Mungurappa Layout								
	Culvert-8		10	1.50	0.60		9.00	✓
	Culvert-9		10	1.50	0.60		9.00	✓
	Culvert-10		10	1.50	0.60		9.00	✓
	Culvert-11		9	1.50	0.60		8.10	✓
	Culvert-12		10	1.50	0.60		9.00	✓
	Culvert-13		11	1.50	0.60		9.90	✓
		sqm				Net Qty	117.00	✓

Item No:- 11		Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x150x500 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Pg No. 27, Item No.5.29.1						
Item name:-								
SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurements								
LHS								
	CH 0.00m to 30.00m		1	30			30	✓
	CH 30.0m to 60.00m		1	30			30	✓
	CH 60.00m to 90.00m		1	30			30	✓
	CH 90.00m to 120.00m		1	30			30	✓
	CH 120.00m to 150.00m		1	30			30	✓
	CH 150.00m to 180.00m		1	30			30	✓
	CH 180.00m to 210.00m		1	30			30	✓
	CH 210.00m to 240.00m		1	30			30	✓
	CH 240.00m to 270.00m		1	30			30	✓
	CH 270.00m to 300.00m		1	30			30	✓
	CH 300.00m to 330.00m		1	30			30	✓
	CH 330.00m to 360.00m		1	30			30	✓
	CH 360.00m to 381.00m		1	21			21	✓

11/11/20
21/03

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item No:- 12	
Item name:-	KSRB 5-9.1: Providing and applying ready mix priming coat over concrete / masonry, / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour complete as per specifications. Page No. 124 / Item No. 15.80

Notably, n.d.
section

100
AE (K)
02/03

Item No:- 13

Item name:-

KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 136, item No. 17.1)

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurements							
		cum					Qty same as Item No 1 837.36	
							Net Qty 837.36	N.D. DE (107)

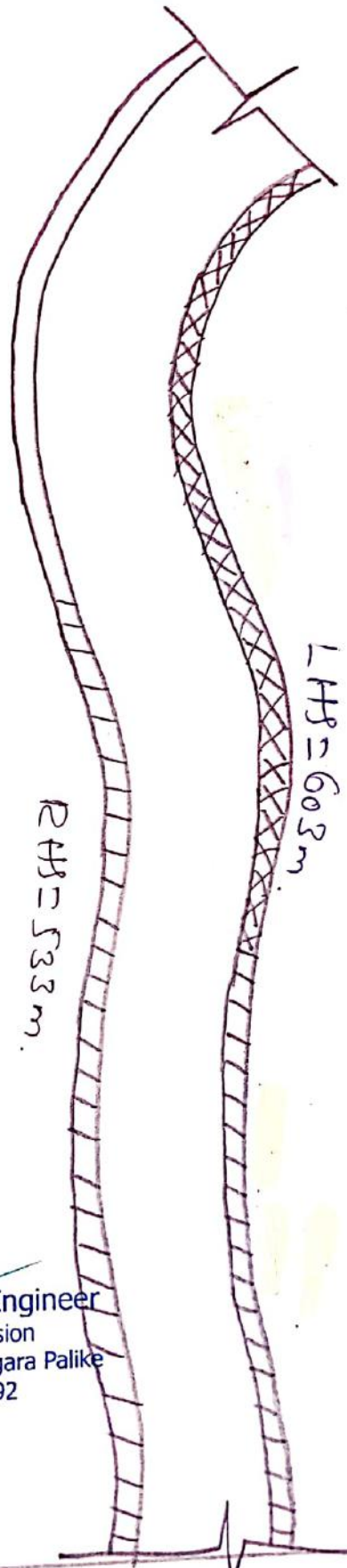
M. H. N. D.
Assistant Engineer
Ward No.07

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Executive Engineer
Byatarayanapura Division

Improvements to roads & drains of Amruthalli Colony of lakshminarayana temple road from lakshminarayana temple (left side) & in Amruthalli area in ward no.07, Byatalayanapula.

 = Covering Shab.
 = Drain.



A. H. N. D.
 AEC (M)


 Assistant Executive Engineer
 Kodigehalli Sub Division
 Bruhat Bangalore Mahanagara Palike
 Bangalore - 560 092